

1 **WHAT IS CLAIMED IS:**

- 2 1. A foldable bicycle comprising:
3 a frame having a front end, a rear end, a head tube formed on the front
4 end and a seat tube formed on the rear end;
5 a front fork rotatably extending through the head tube and having a top
6 and a bottom;
7 a front wheel rotatable mounted on the bottom of the front fork by a front
8 axle;
9 a seat post extending through the seat tube and having a top with a seat;
10 a rear fork having a proximal end pivotally attached to the frame and a
11 rear end;
12 a rear wheel rotatably mounted on the distal end of the rear fork;
13 a drive assembly mounted between the rear fork and the rear wheel to
14 rotate the rear wheel;
15 a stem connected to the top of the front fork with a handlebar positioning
16 device and having a bottom, the handlebar positioning device comprising:
17 a bracket mounted on the top of the front fork and having a side
18 and a longitudinal slot defined in the side of the bracket to form two wings on the
19 side of the bracket;
20 a locking pin mounted between the wings;
21 a locking neck protruding from the bottom of the stem, mounted in
22 the longitudinal slot in the bracket and having a distal end with a notch to
23 selectively hold the locking pin and a longitudinally elongated transverse
24 through hole longitudinally defined through the locking neck; and

1 a handlebar quick-release device mounted on the bracket to hold
2 the locking neck in the bracket and having:
3 a compression pin extending through the wings and the
4 longitudinally elongated transverse through hole in the locking neck and having
5 a threaded distal end;
6 a compression washer mounted around the compression pin
7 near the thread distal end and abutting one of the wings of the bracket; and
8 a compression lever attached to the threaded distal end of the
9 compression pin and having an eccentric cam abutting the compression washer;
10 a handlebar transversely mounted on the stem; and
11 a shock absorber mounted between the frame and the rear fork and
12 having a proximal end pivotally attached to the frame and a distal end connected
13 to the rear fork by a rear fork positioning device, and the rear fork positioning
14 device comprising:
15 a U-shaped bracket securely attached to the rear fork and having
16 two sides to hold the distal end of the shock absorber between
17 the two sides;
18 two through holes defined respectively in the two sides of the
19 bracket; and
20 two notches defined respectively in the sides of the bracket
21 and communicating with a corresponding one of the through holes; and
22 a shock absorber quick-release device mounted on the bracket to
23 hold the distal end of the shock absorber in the bracket and having:
24 a compression pin extending through the through holes in the

- 1 sides of the bracket and the distal end of the shock absorber and having a
- 2 threaded distal end;
- 3 a compression washer mounted around the compression pin
- 4 near the threaded distal end and abutting one of the sides of the bracket; and
- 5 a compression lever attached to the threaded distal end of the
- 6 compression pin and having an eccentric cam abutting the compression washer.

7 2. The bicycle as claimed in claim 1, wherein the seat post is detachably
8 mounted in the seat tube;
9 the seat tube has a top and a slit with two sides longitudinally defined in
10 the top of the seat tube;

11 two ears are formed on the top of the seat tube and are respectively at the
12 two sides of the slit; and
13 a seat quick-release device are mounted on the seat tube to securely hold
14 the seat post in the seat tube, and the seat quick-release device comprises
15 a compression pin extending through the ears on the seat tube and
16 having a threaded distal end;

17 a compression washer mounted around the compression pin near
18 the threaded distal end and abutting one of the ears of the seat tube; and
19 a compression lever attached to the threaded distal end of the
20 compression pin and having an eccentric cam abutting the compression washer.

21 3. The bicycle as claimed in claim 2 further comprising multiple
22 positioning holes defined longitudinally through the seat tube;
23 a single through hole defined through the seat post and selectively
24 corresponding to any one of the positioning holes in the seat tube; and

1 a lock mounted inside the seat post and having an end with a knob
2 extending through the single through hole in the seat post and into a
3 corresponding positioning hole in the seat tube.

4 4. The bicycle as claimed in claim 1, wherein the longitudinal slot in the
5 handlebar positioning device is defined in a side of the bracket away from the
6 frame.

7 5. The bicycle as claimed in claim 1, wherein the front fork has a
8 transverse slot with an upper edge defined through the bottom of the front fork
9 through which the front axle extends; and
10 multiple recesses are defined in the upper edge of the transverse slot to
11 selectively hold the front axle.